

UMR EMS Development and Implementation

EMS Five Phase Development Plan

Phase 1

Environmental Policy/Planning

Phase 2

Implementation and Operation

Phase 3

Auditing and Corrective Action

Phase 4

Management Review

Phase 5

ISO 14001 Registration Audit

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UMR EMS Key Components and Outcomes

The University Environment

Cooperative/Collaborative Mechanism to Monitor and Improve the Environment

• General Positive Campus Attitude

• Enhanced Awareness / Demand for Additional Training

• Openness for Continual Improvement (ICBO Project)

• Academic Curricula Development ((Proposed Degree/Certificate)

• ISO 14001 Certification Serves a Driver for Continual Improvement

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UMR EMS Key Components and Outcomes

Selecting A Champion

• Administrative Officer

• EMS Advisory Committee Chairman

• EMS Coordinator

• Faculty

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UMR EMS Key Components and Outcomes

Communication

Roles and Responsibilities

- Annual Management Review
- Campus-wide Quarterly Internal/External Audits
- Monthly EMS Advisory Committee Meetings
- Weekly Awareness Activities

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UMR EMS Key Components and Outcomes

Communication

EMS Program Internal/External Marketing

- Special Events
 - Community Earth Day Celebration
 - Campus Environmental Awareness Week
 - Outreach and External Inquiries

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UMR EMS Key Components and Outcomes

Benefits

Campus Culture Change

- ◆ Resource development opportunities
- ◆ EMS Integration into major research, and technology development activities
- ◆ Expanded EMS principles application for certification in other disciplines

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UMR EMS Key Components and Outcomes

Benefits


Campus Culture Change

◆ New educational curricula development

◆ Institute for Environmental Excellence

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•Continual Improvement

•Environmental Research

•Information Technology Transfer

“The institute will strive to promote the development of innovative environmental curricula, to support research efforts related to the environment, and to serve as an increasingly valued national resource for environmental management issues.”

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IE2 Activities:

•Missouri C&U Environmental Issues Conference

•PETE Conference-March 2002

•MHEC Loss Control Workshop-March 2002

•EPA New England-EMS Workshops at Yale University & MIT- March 2002

•Rolla Earth Day at UMR-April 2002

•The College & University EMS Alliance-May/June 2002

•MSWG for Environmental Management System-June 2002

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Outreach Services:

Special Presentations

Result-Oriented Workshops

Individual Assistance with
EMS Development & Implementation

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